

Abstract

Woodworking machines are disclosed having cutting tools for cutting workpieces. The machines include a detection system adapted to detect one or more dangerous conditions between a person and the cutting tool. The machines also include at least one
5 brake component adapted to engage and stop movement of the cutting tool, and an actuator adapted to move the brake component into contact with the cutting tool at a high acceleration when the detection system detects the dangerous condition between the person and the blade.